

147 Rec'd PCT/PTO 28 MAR 2006

JORDAN AND HAMBURG LLP  
122 East 42nd Street,  
New York, NY 10168  
Tel: (212) 986-2340 Fax: (212) 953-7733  
Customer No.: 000028107

**10/574041**

Docket No.: **F-8634**  
Filing Date:

Certificate of Express Mailing Under 37 CFR 1.10

"Express Mail" label number: EV 764464266 US

Date of Deposit: 3/28/2006

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to COMMISSIONER FOR PATENTS, P.O. Box 1450, Alexandria 22313-1450 having the above "Express Mail" label number on the date of deposit indicated above.

Hannah K. Zun

(Typed or printed name of person mailing paper or fee)



(Signature of person mailing paper or fee)

THE COMMISSIONER FOR PATENTS

P.O. Box 1450

Alexandria, VA 22313-1450

☐ ATTN: BOX PATENT APPLICATION

☐ ATTN: BOX DESIGN PATENT APPLICATION

☒ ATTN: BOX PCT

☐ ATTN: BOX PROVISIONAL PATENT APPLICATION

☒ THIS IS THE 35 U.S.C 371 NATIONAL STAGE OF PCT/JP2004/018461 FILED

December 10, 2004

Sir:

Transmitted herewith for filing is the ☒ Utility ☐ Design ☒ nonprovisional ☐ provisional  
patent application of:

Inventor / Application Identifier: Masayoshi USUI, et al.

☐ See Inventor Information Sheet attached

For: **HEAT EXCHANGER**

- ☐ This is a new patent application.  
☒ This is the 35 U.S.C. 371 National Stage Application of the above-identified PCT Application.  
☐ This is a provisional patent application.

- ☐ This is a: ☐ Continuation Application  
☐ Divisional Application  
☐ Continuation-in-Part Application  
of prior Application Serial No. \_.

- ☐ Cancel in this application original claims \_\_\_ of the prior application before calculating the filing fee.

- ☐ Amend the specification by inserting before the first line the sentence:  
-- This is a ☐ Continuation, ☐ Divisional, ☐ Continuation-in-part, of Application

☐ Incorporation By Reference. The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

ENCLOSED ARE THE FOLLOWING:		
<input checked="" type="checkbox"/>	28	Sheets of drawings ([x] formal [ ] informal size A4 ).
<input checked="" type="checkbox"/>	45	Pages of specification including abstract and claims.
<input checked="" type="checkbox"/>	73	Total pages.
Combined Declaration and Power of Attorney		
<input type="checkbox"/>		Newly executed
<input type="checkbox"/>		Copy from prior application
<input type="checkbox"/>		Inventors deleted; see attached statement
Sequence Listing		
<input type="checkbox"/>		Computer Readable Copy
<input type="checkbox"/>		Paper copy
<input type="checkbox"/>		Statement verifying identity of above copies
<input checked="" type="checkbox"/>		Return Receipt Postcard

X	Preliminary Amendment	10/574041
	Assignment to:	
		Assignment is of record in prior application Serial No. _.
		Assignment Recordation Form Cover Sheet.
X	Information Disclosure Statement	
X	Information Disclosure Citation	
	MPEP § 2001.06(b) states that in a Continuation application, a Divisional application, or a Continuation-in-Part application, "the examiner will consider the prior art cited in the earlier application" and indicate in the first Office Action whether the prior art in the related earlier application has been reviewed. Accordingly, Applicants respectfully request that the examiner consider the art cited in the parent of this instant application and indicate in the first Office Action that such prior art has been considered.	
	English translation	
X	Application Data Sheet	

## PRIORITY CLAIMS

10/574041

	Applicant hereby claims the benefit of the filing date of the following provisional application(s) under the provision of 35 USC 119.	
X	<p>Applicant hereby claims the benefit under the provisions of 35 USC 119 of the filing dates of the following applications as indicated below and which priority applications are hereby incorporated by reference in the present application:</p> <p>Japan Patent Appln. No. 2003-417320, filed December 15, 2003, Priority Claimed  Japan Patent Appln. No. 2004-165665, filed June 3, 2004, Priority Claimed</p> <p>of which certified copies thereof</p>	
		will follow
		are enclosed
	X	have been filed in the International Bureau
		were filed in prior application:

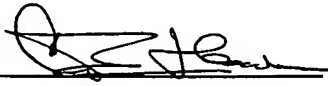
**10/574041**

CLAIMS FILED AND FILING FEE CALCULATION				10/574041	
ITEM	—			Rate	Applied Fee
[ ] Basic Fee Utility	—			\$300	
[ ] Search Fee Utility				\$500	
[ ] Exam. Fee Utility				\$200	
[ ] Sheet Fee Utility	Ea. Add'l 50 pgs. over 100 pgs.			\$250	
Small Entity e-Filed Basic Fee Utility: SEE BELOW "Small Entity is Asserted."					
[X] Basic Fee - PCT Nat'l Stage	—			\$300	\$300
[X] Search Fee - PCT Nat'l Stage	37 CFR 1.492(b)(3)			\$400	\$400
[X] Exam. Fee - PCT Nat'l Stage	37 CFR 1.492(c)(2)			\$200	\$200
[ ] Sheet Fee - PCT Nat'l Stage	Ea. Add'l 50 pgs. over 100 pgs.			\$250	
[ ] Basic Fee - Design	—			\$200	
[ ] Search Fee Design				\$100	
[ ] Exam. Fee Design				\$130	
[ ] Sheet Fee Design	Ea. Add'l 50 pgs. over 100 pgs.			\$250	
[ ] Basic Fee - Provisional	—			\$200	
[ ] Sheet Fee - Provisional	Ea. Add'l 50 pgs. over 100 pgs.			\$250	
Claim Fees	Number Filed	Base Number	Number Extra over Base	—	
Total Claims	42	20	22	\$50	\$1,100
Independent Claims	2	3	0	\$200	\$0
Multiple Dependent Claim Fee	—			\$360	\$360
[ ] Small Entity Status is Asserted	Deduct 50% of above fees				(\$0)
[ ] Basic Fee Utility - e-filed and Small Entity				\$75	
[ ] Non-English Specification	—			\$130	\$0
TOTAL FILING FEE					\$2,360

10/574041

- [X] Payment of all fees, including the total filing fee in the amount of \$ 2,360 is by credit card. A form PTO-2038 is attached.
- [X] Please charge to Deposit Account No. 10-1250 any further fees due for filing or during prosecution of this application under: 37 CFR 1.16; 37 CFR 1.17; and 37 CFR 1.492.

JORDAN AND HAMBURG LLP

By   
C. Bruce Hamburg  
Reg. No. 22,389  
Attorney for Applicant